Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Thursday 09 Mar 2023 until 23:59 on Friday 10 Mar 2023

Forecast Issued on Wednesday 08 Mar 2023 at 12:31

Confidence: High becoming Medium on Saturday and Low from Sunday.

Headline for Thursday 09 Mar 2023: Full winter hazards with heavy snow and blizzards later in the day.

Mountain weather hazards on Thursday 09 Mar 2023

Blizzards Medium Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light snow	Light snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability							
10%	20%	30%	50%	70%	50%	70%	00%

Forecast for Thursday 09 Mar 2023

Weather: Mainly dry with patchy cloud overnight, although the odd snow showers possible, mainly in the east. Cloudy during daylight hours with patchy, mainly light snow developing through the morning, becoming more persistent and occasionally heavy through the afternoon and evening. Blizzard conditions with drifting and a severe wind chill developing at height.

Chance of cloud-free hill tops above 800m: 80% overnight, falling 50% during the morning, becoming 20% or less through the afternoon and evening.

Low cloud and visibility: Occasional or patchy cloud, base near or above the summits, becoming extensive, base 600 to 800m during the afternoon and evening. Visibility very good becoming moderate to very poor during daylight hours and the evening, the sky obscured in heavy snow with whiteout conditions at times at height.

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Mountain Weather Forecast

Forecast for Thursday 09 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	18/23 E	13/20 E	16/23 E	24/31 E	28/37 E	33/44 E	39/52 E	41/55 E	37/50 NE
600	13/18 E	12/18 E	12/17 E	18/25 E	22/32 E	25/36 E	29/42 E	29/42 E	25/37 NE
300	7/16 NE	7/15 NE	8/16 E	11/21 E	13/28 E	14/32 E	16/37 E	16/39 E	14/34 NE
Valley	7/12 NE	9/13 NE	8/15 NE	10/20 E	12/25 E	14/29 E	17/36 E	18/38 NE	18/36 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-6/-13	-6/-12	-6/-13	-5/-14	-4/-13	-4/-14	-5/-15	-5/-16	-5/-16
600	-4/-10	-4/-10	-4/-10	-3/-10	-2/-10	-2/-10	-3/-11	-3/-12	-3/-12
300	-2/-5	-2/-6	-2/-6	-0/-5	0/-5	-0/-6	-1/-7	-1/-8	-1/-7
Valley	1/-3	0/-4	1/-3	2/-3	3/-2	2/-3	2/-4	1/-4	1/-4
Freezing Level*	00m	00m	00m	100m	100m	200m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some very poor winter conditions expected at times during the afternoon and evening.

Forecast for Friday 10 Mar 2023

Weather: Most of the snow clearing away overnight, although a few snow showers continuing into the morning, mainly in the east. Bright and sunny spells developing and winds easing. Clear skies and a widespread frost in the evening.

Maximum wind: Northeast 25 gusts 35mph, decreasing North 15mph around midday.

Chance of cloud-free hill tops above 800m: 30% overnight, rising to 80% during daylight hours and evening.

Low cloud and visibility: Extensive, base 600 to 900m, soon lifting and breaking above the summits during daylight hours.

Temperature: **Valleys:** Minus 2 rising to Plus 3 Celsius around the middle of the day.
At 800m: Zero to Minus 5 Celsius
Freezing level: All levels early and later in the day, rising to around 700m early afternoon

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Wednesday 8 March. Location: Catstyecam summit at 12:51. Temperature: minus 5 degC. Maximum wind speed 17.7mph. Wind chill: minus 14.1degC. Average wind speed: 14.9mph
Full report:
Another beautiful 'alpine-like' day in the lakes with cold north easterly winds dominating. The Lakeland fells are by and large snow-free, however a thin layer of snow exists on the higher fells above an altitude of roughly 750m. Ice is also present in and around drainage lines down to low elevations and the ground is well frozen above 500m. Snow distribution is quite varied with many sunny south-facing slopes almost entirely snow free, whereas shady north-facing slopes tend to have the most cover.
Despite the relatively thin snow cover overall, routes such as Swirral and Striding Edge are in winter condition and microspikes were very useful today. Further snow (potentially heavy) is forecast tomorrow with winds strengthening to gale force in the afternoon. Anyone heading out tomorrow should anticipate and be prepared for more snow and Ice than described here and potentially very challenging conditions. The windchill (feels-like) temperature was around -15ºC today and is likely to be similar or colder tomorrow.
Full winter clothing (warm and waterproof) including hats gloves, and equipment including a map, compass, and headtorch are all essential. For anyone heading above the snowline tomorrow, goggles (for navigating in challenging conditions) are strongly recommended as well as an ice axe, crampons/microspikes.

This is an automated email. If you need a response please email felltop.assessors@lakedistrict.gov.uk

Issued at: 1231 on Wed 08 Mar 2023

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